



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 25, 2022

Shannon Lumsden, Registration Specialist  
Washington State Department of Agriculture  
1111 Washington St NE - PO Box 42560  
Olympia, WA 98504-2560

**Subject:** FIFRA 24(c) Registration – SLN Amendment Acknowledgment Letter

**SLN Registration Number:** WA120002

**EPA Decision Number:** 581531

**SLN Expiration Date:** 12/31/2026

**Parent EPA Reg. No.:** 100-816

**Product Name:** Dual Magnum Herbicide

**Active Ingredient:** S-Metolachlor

Dear Ms. Lumsden:

This letter acknowledges receipt of the amendment to the above-listed Special Local Need (SLN) registration pursuant to Section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. The SLN registration permits use of Dual Magnum Herbicide (containing s-metolachlor) on highbush blueberry, blackberry, and red and black raspberry to control weeds. You indicate that a need for this use remains for weed control in these berry crops because other materials are not adequate. This amendment extends the expiration date to December 31, 2026 and incorporates revisions to the label based upon EPA's Registration Review for this chemical.

The Agency has completed a review of this amended use and acknowledges the State's amended SLN registration. Please inform the registrant that we have placed a copy of the SLN label in our files. If you have any questions, please contact Emergency Response Team member Andrea Conrath [(202) 566-2568; [conrath.andrea@epa.gov](mailto:conrath.andrea@epa.gov)].

Sincerely,

A handwritten signature in blue ink that reads "Ruthanne Loudon".

Ruthanne Loudon, Acting Senior Regulatory Specialist  
Emergency Response Team  
Minor Use and Emergency Response Branch  
Registration Division / Office of Pesticide Programs

cc: Chad Schulze, USEPA Region 10  
Derrick Terada, USEPA Region 10 Tribal Coordinator

**DUAL MAGNUM® (S-METOLACHLOR) IS A STATE RESTRICTED USE PESTICIDE FOR THE PROTECTION OF GROUNDWATER AND IS TO BE DISTRIBUTED ONLY BY LICENSED PESTICIDE DEALERS. ONLY CERTIFIED APPLICATORS OR PERSONS UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR MAY USE OR APPLY DUAL MAGNUM (S-METOLACHLOR).**



## **Section 24(c) Special Local Need Label**

<b>S-METOLACHLOR</b>	<b>GROUP</b>	<b>15</b>	<b>HERBICIDE</b>
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**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON**

### **Dual Magnum® Herbicide**

**For Control of Weeds in Highbush Blueberry, Blackberry and Red and Black Raspberry**

**EPA Reg. No. 100-816  
EPA SLN No. WA-120002**

**This label for Dual Magnum Herbicide expires and must not be distributed or used in accordance with this SLN registration after December 31, 2026**

### **DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered label.
- The risk of crop injury increases when adjuvants (e.g., non-ionic surfactants, crop oils, etc.), nitrogen sources (e.g., AMS, UAN), fertilizers or other pesticides are applied with Dual Magnum Herbicide.
- Failure to follow the Directions for Use and precautions on this label may result in poor weed control, crop injury, or illegal residues.
- **Chemigation:** For use under this SLN label do not apply this product through any type of irrigation system for the crops on this Special Local Needs label.

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### **HIGHBUSH BLUEBERRY**

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Dual Magnum Herbicide may be used for pre-emergence suppression or control of annual grass, yellow nutsedge, and small seeded broadleaf weeds in highbush blueberry.

#### **Application Rate, Frequency, and Timing**

Make a single soil application of Dual Magnum Herbicide as a banded treatment to both sides of the blueberry row at 0.67 – 1.3 pt/A (0.64 – 1.26 lb ai/A) prior to weed emergence. Direct the

soil application to the soil surface in a 3 foot band on each side of the blueberry row to avoid direct contact with the crop foliage or crop injury may occur. When making the banded treatment, apply proportionally less spray mixture on the area actually treated. Use the lower end of the Dual Magnum Herbicide rate range for soils that are relatively coarse textured and higher rates on fine textured soils.

### **Application Volume**

Apply in a minimum of 10 gallons of water per acre as the carrier volume.

### **Precautions:**

1. Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.
2. Not all blueberry cultivars have been tested so injury may occur on some types of blueberry. Growers are encouraged to treat a few plants as a test and evaluate crop injury.
3. The risk of crop injury from Dual Magnum Herbicide is greater at the higher use rates.
4. Blueberry plants that have been established for less than one year may be more sensitive to applications of Dual Magnum Herbicide than those plants established for more than one year. For this reason, the lower rates are suggested on newer plantings.
5. Tank mixing Dual Magnum Herbicide with other products (pesticides, adjuvants, etc.) will increase the risk for foliar crop injury.

### **Restrictions:**

1. Do not make more than one application per crop per year.
2. Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum Herbicide per crop per year.
3. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to high bushberry.
4. Do not harvest for 28 days following the Dual Magnum Herbicide application.
5. Observe a Restricted Entry Interval (REI) of 24 hours.

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## **BLACKBERRY, RED AND BLACK RASPBERRY**

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Dual Magnum Herbicide may be used for pre-emergence suppression or control of annual grass, yellow nutsedge, and small seeded broadleaf weeds in blackberry, red and black raspberry. Dual Magnum Herbicide has not been tested on all crops, cultivars or hybrids within the caneberry subgroup so crop injury may result from its use. Growers are encouraged to treat a few plants as a test and evaluate crop injury.

### **Application Rate, Frequency, and Timing**

Dual Magnum Herbicide has not been tested on all crops, cultivars or hybrids within the caneberry subgroup so crop injury may result from its use.

Make a single soil application of Dual Magnum Herbicide in the early spring as a banded treatment to both sides of the sides of the plant canes at 1.0 – 2.0 pt/A (0.95 – 1.90 lb ai/A) prior to weed emergence. The application should be directed to the soil surface to avoid direct contact with the crop foliage or crop injury may occur. Use the lower end of the Dual Magnum Herbicide rate range for soils that are relatively coarse textured and the higher rates on fine textured soils. Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

**Application Volume**

Apply in a minimum of 10 gallons of water per acre as the carrier volume.

**Precautions:**

1. Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.
2. Not all caneberry types, cultivars or hybrids have been tested so injury from Dual Magnum Herbicide may occur on some crops. Growers are encouraged to treat a few plants as a test and evaluate crop injury.
3. The risk of crop injury from Dual Magnum Herbicide is greater at the higher use rates.
4. Application of Dual Magnum Herbicide to crop foliage may result in crop injury and illegal residues.
5. Caneberry plants that have been established for less than one year may be more sensitive to applications of Dual Magnum Herbicide than those plants established for more than one year. For this reason, the lower rates are suggested on newer plantings.

**Restrictions**

1. Do not make more than one application of Dual Magnum Herbicide per crop per-year.
2. Do not apply more than 2.0 pt/A (1.90 lb ai/A) of Dual Magnum Herbicide per crop per year.
3. Do not apply more than 1.90 lb ai/A per year of S-metolachlor-containing products blackberries, red and black raspberries.
4. Do not harvest for 28 days following the Dual Magnum Herbicide application.
5. Observe a Restricted Entry Interval (REI) of 24 hours.

**WSDA Container Disposal Guidance:** Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at <https://agr.wa.gov/wastepesticide> . Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

**SYNGENTA'S SPECIAL CONDITIONS, RISKS OF USE AND DISCLAIMER FOR USE OF  
DUAL MAGNUM HERBICIDE ON CROPS ON THIS 24(c) LABEL**

**IMPORTANT- READ BEFORE USE**

**THESE CONDITIONS RISKS OF USE AND DISCLAIMER ARE REQUIRED BY SYNGENTA  
CROP PROTECTION LLC AND NOT SPECIFIED BY U.S. EPA OR THE OF STATE OF  
WASHINGTON**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA CROP PROTECTION,  
LLC INTENDS THAT THE PRODUCT THAT IS THE SUBJECT OF THIS SECTION 24(c)  
LABEL BE PURCHASED ONLY BY END USERS WHO AGREE BY ELECTRONIC  
SIGNATURE ON SYNGENTA CROP PROTECTION'S INTERNET SITE TO THE TERMS AND  
CONDITIONS REQUIRED BY SYNGENTA CROP PROTECTION, LLC INCLUDING A WAIVER  
AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY THE USER AND/OR**

**GROWER OF SYNGENTA AND OTHERS FOR FAILURE TO PERFORM AND FOR CROP INJURY, CROP YIELD REDUCTION, AND/OR CROP LOSS FROM USE OF DUAL MAGNUM HERBICIDE ON CROPS ON THIS 24(c) LABEL. IF SUCH TERMS AND CONDITIONS ARE UNACCEPTABLE, RETURN THE DUAL MAGNUM HERBICIDE AT ONCE UNOPENED OR USE THE DUAL MAGNUM HERBICIDE FOR A DIFFERENT APPROVED USE IN ACCORDANCE WITH THE LABEL AFFIXED TO THE PRODUCT CONTAINER.**

**USE OF DUAL MAGNUM HERBICIDE (THE “PRODUCT”) ON CROPS LISTED (THE “CROP”) FOR THIS SPECIAL LOCAL NEED MAY RESULT IN CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS AS FURTHER DISCUSSED BELOW. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SPECIAL LOCAL NEED BEFORE USING THE PRODUCT ON THE CROP. SYNGENTA RECOMMENDS THAT THE USER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.**

**Syngenta Crop Protection, LLC makes the Product available for use in the manner described in this Supplemental Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of Crop injury, Crop yield reduction or Crop loss.**

**The decision to use this Product in the manner described in this Supplemental Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors. Syngenta recommends that the user test this Product to determine its suitability for such intended use.**

**By purchasing the Product for use, or using the Product in the manner described in this Supplemental Labeling, you acknowledge and accept that, to the extent consistent with applicable law:**

- 1) you assume all risk of Crop injury, Crop yield reduction and Crop loss;
- 2) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Supplemental labeling;
- 3) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any warranties, express or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty of merchantability;
- 4) Syngenta Crop Protection, LLC disclaim all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to Crop injury, Crop yield reduction and/or Crop loss;
- 5) these conditions and Risks of Use for Special Local Need supersede any contrary representations or recommendations by Syngenta Crop Protection, LLC or their respective agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

**If these Conditions and Risks of Use for Special Local Need are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.**

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL  
MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

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24(c) Registrant:  
Syngenta Crop Protection, LLC  
P. O. Box 18300  
Greensboro, NC 27419-8300

Label Code: WA0816107CA1021